

To: Gray, David[gray.david@epa.gov]
Cc: Curry, Ron[Curry.Ron@epa.gov]
From: Sullivan, Michael (Heinrich)
Sent: Tue 8/11/2015 8:35:17 PM
Subject: RE: Aug 10 - Water Quality Info

David,

The Senator had a question to which I did not know the answer. Of the 5 water systems in New Mexico that have shut down their water intake systems, how long will their reserves last? I knew a couple, but couldn't answer all five.

Aztec – 50 days

Farmington – 90 days (more like 4-5 months, per Tommy Roberts)

Kirtland – ?

Morning Star - ?

North Star - ?

Thanks for your help,

Mike Sullivan

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From: Gray, David [mailto:gray.david@epa.gov]
Sent: Monday, August 10, 2015 10:49 PM
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Cc: Distefano, Nichole; Rupp, Mark
Subject: Aug 10 - Water Quality Info

Please find below the following information, which we are preparing for a water quality data fact sheet, which we will be releasing soon. It may change slightly but I wanted to share an early copy with you.

David

EPA has compared the surface water quality data collected on August 5 and 6 to screening levels for human health developed by EPA. The screening levels for human incidental ingestion during recreation are based on an exposure duration totaling 60 days, 8 hours/day. The State of Colorado has developed screening levels for agricultural exposure. The screening levels for

agricultural exposure are based on an exposure duration totaling 30 days.

Based on the data we have seen so far, EPA and ATSDR do not anticipate adverse health effects from exposure to the metals detected in the river water samples from skin contact or incidental (unintentional) ingestion. Similarly, the risk of adverse effects to livestock that may have been exposed to metals detected in river water samples from ingestion or skin contact is low. It is advisable to avoid areas with orange discoloration in the river water.

Although the pH levels between Cement Creek and Durango have returned to baseline levels washing with soap and water after contact with the river water is a sound public health practice to minimize exposure to the metals and bacteria that may be present in any untreated river water.

Sent from my iPhone